

ABSTRACT

5       The electrical properties and high-temperature  
characteristics of an electrolytic capacitor are rendered  
satisfactory by addition of a compound with an  
unsaturated bond-containing chain which serves to absorb  
hydrogen gas generated by reaction between the aluminum  
electrode foil and the electrolyte solution. The  
electrolytic capacitor contains the unsaturated compound  
10       which allows hydrogen addition, or the electrolytic  
solution, which comprises a solvent composed of 10-80 wt%  
of an organic solvent and 90-20 wt% water and at least  
one electrolyte selected from the group consisting of  
carboxylic acids or their salts and inorganic acids or  
15       their salts, also comprises one or more unsaturated  
compounds which are water-soluble or soluble in polar and  
protic polar solvents.